

TABLE 61.—*Influence of location of injury and type of operation on case fatality rates in 1,222 wounds of colon and rectum*

| Operation   | Ascend-<br>ing<br>colon | Trans-<br>verse<br>colon | De-<br>scend-<br>ing<br>colon | Ascend-<br>ing and<br>trans-<br>verse<br>colon | De-<br>scend-<br>ing and<br>trans-<br>verse<br>colon | Ascend-<br>ing and<br>de-<br>scend-<br>ing<br>colon | Sig-<br>moid | Extra-<br>peri-<br>toneal<br>rectum | Colon<br>and<br>extra-<br>peri-<br>toneal<br>rectum | Total |
|---|-------------------------|--------------------------|-------------------------------|--|--|---|--------------|-------------------------------------|---|-------|
| Colostomy:  |                         |                          |                               |  |  |   |              |                                     |   |       |
| Loop.....   | 145                     | 252                      | 67                            | 3  | 8  | 2   | 82           |                                     |   | 559   |
| Spur.....   | 27                      | 146                      | 48                            | 9  | 29   | 1   | 32           |                                     |   | 292   |
| Tube.....   | 39                      | 4                        |                               |  |  |   |              |                                     |   | 43    |
| Intraperitoneal closure, proximal<br>colostomy.....       | 1                       | 1                        | 3                             | 6  | 9  | 6   | 34           |                                     |   | 60    |
| Diversional colostomy.....                                |                         |                          |                               |  |  |   |              | 8                                   | 2   | 10    |
| Resection, ileocolic anastomosis,<br>and colostomy.....   | 29                      |                          |                               | 6  |  |   |              |                                     |   | 35    |
| Resection, double-barreled ileo-<br>colostomy.....        | 17                      | 2                        |                               | 6  |  |   |              |                                     | 1   | 26    |
| Posterior drainage, proximal<br>colostomy.....            |                         |                          |                               |  |  |   |              | 82                                  | 19  | 101   |
| Posterior drainage, closure, prox-<br>imal colostomy..... |                         |                          |                               |  |  |   | 4            | 25                                  | 17  | 46    |
| Closure only.....   | 13                      | 6                        | 1                             | 2  |  |   |              | 1                                   |   | 23    |
| Resection, separate exterioriza-<br>tion of limbs.....    | 2                       | 3                        |                               |  | 2  |   | 2            |                                     |   | 9     |
| No intestinal operation <sup>1</sup> .....                | 9                       | 3                        | 1                             | 1  | 1  |   | 3            |                                     |   | 18    |
| Total cases.....  | 282                     | 417                      | 120                           | 33   | 49   | 9   | 157          | 116                                 | 39  | 1,222 |
| Total deaths.....   | 87                      | 161                      | 42                            | 19   | 19   | 6   | 52           | 27                                  | 20  | 433   |
| Case fatality rates.....                                  | 30.9                    | 38.6                     | 35.0                          | 57.6   | 38.8   | 66.7  | 33.1         | 23.3                                | 51.3  | 35.4  |

<sup>1</sup> In 5 of these 18 injuries (3 involving the ascending, 1 the transverse, and 1 the descending colon) the wound was overlooked at laparotomy. Eleven of the remaining patients died on the operating table before the intestinal lesion was dealt with. The other two developed, respectively, a pelvic abscess and a fecal fistula and underwent secondary surgery for these complications.